

# DEERE & COMPANY BUSINESS UNITS



**Agricultural Equipment**



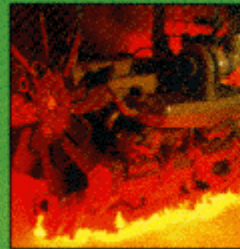
**Credit**



**Insurance**



**Industrial Equipment**



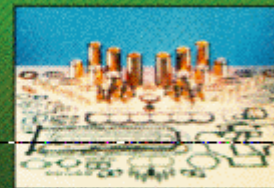
**Deere Power Systems**



**Health Care**



**Commercial & Consumer  
Equipment**



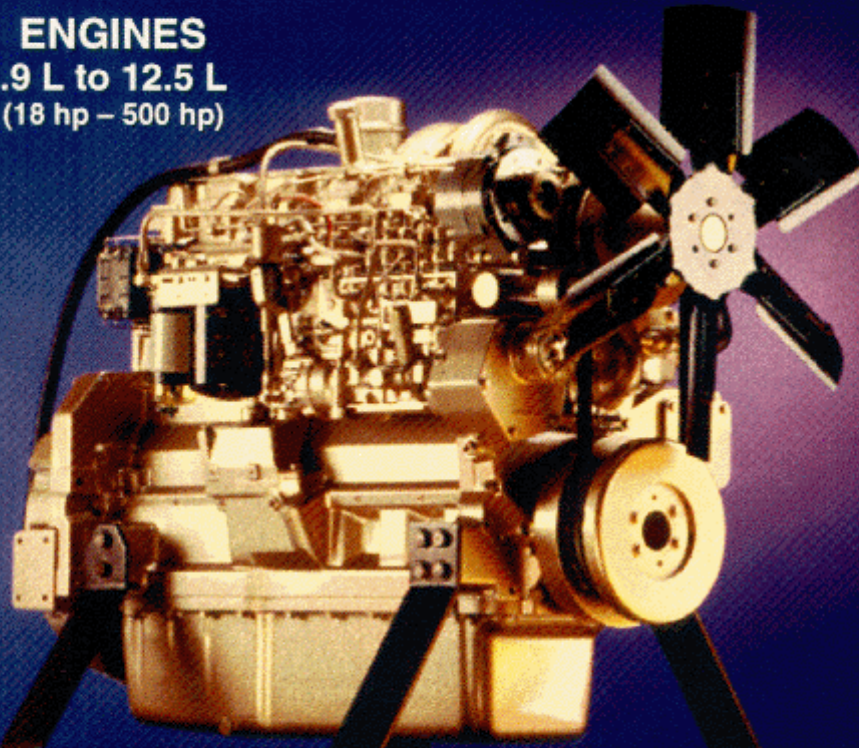
**Parts**



# DEERE POWER SYSTEMS GROUP

## ENGINES

.9 L to 12.5 L  
(18 hp – 500 hp)



## TRANSMISSIONS



60-300 hp  
3, 4, 6, 8 & 18 speeds

## AXLES

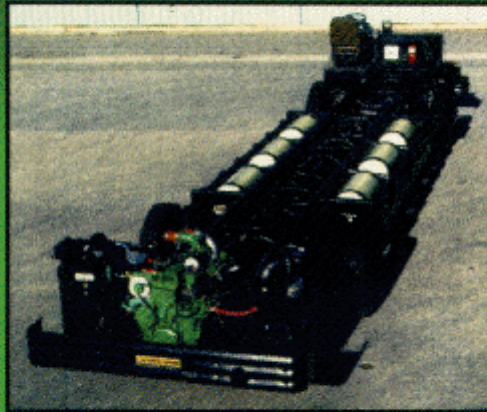


15-108,000 lb. capacity  
Inboard & Outboard Planetary

Providing value to customers through products



## DPSG 8.1L IN BLUE BIRD COMMERCIAL & SCHOOL BUS APPLICATIONS





## ***POWERTECH 8.1 L NATURAL GAS ENGINES***

**Built Under ISO 9001 Registration**

### **BASIC DATA:**

### ***POWERTECH 8.1L***

**Power:**

**250 hp @ 2200 rpm**

**Peak Torque:**

**800 lb-ft @ 1300 rpm**

**Torque Rise:**

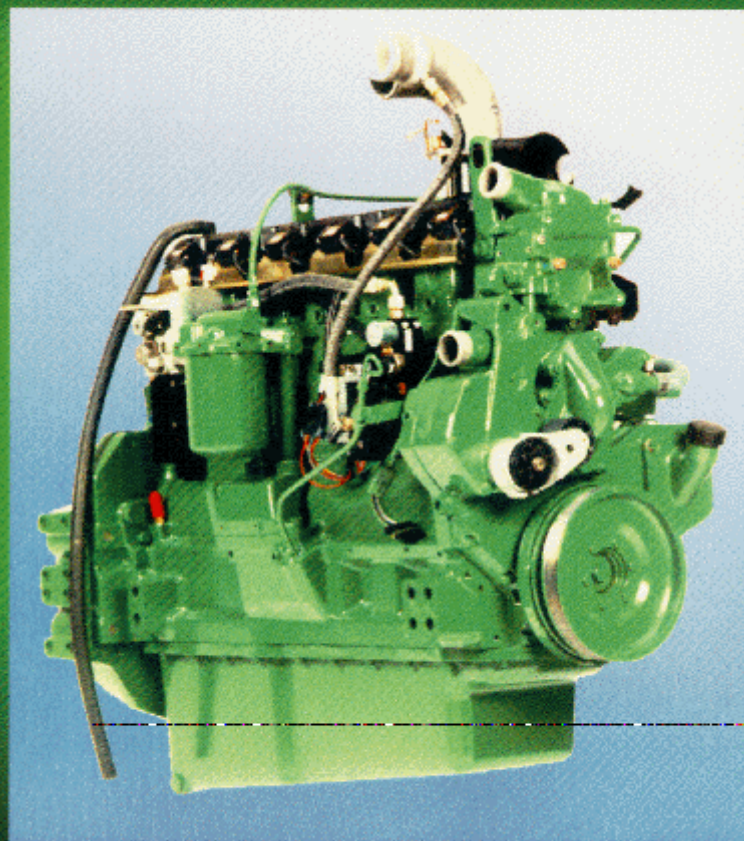
**35%**

**Engine Management  
System:**

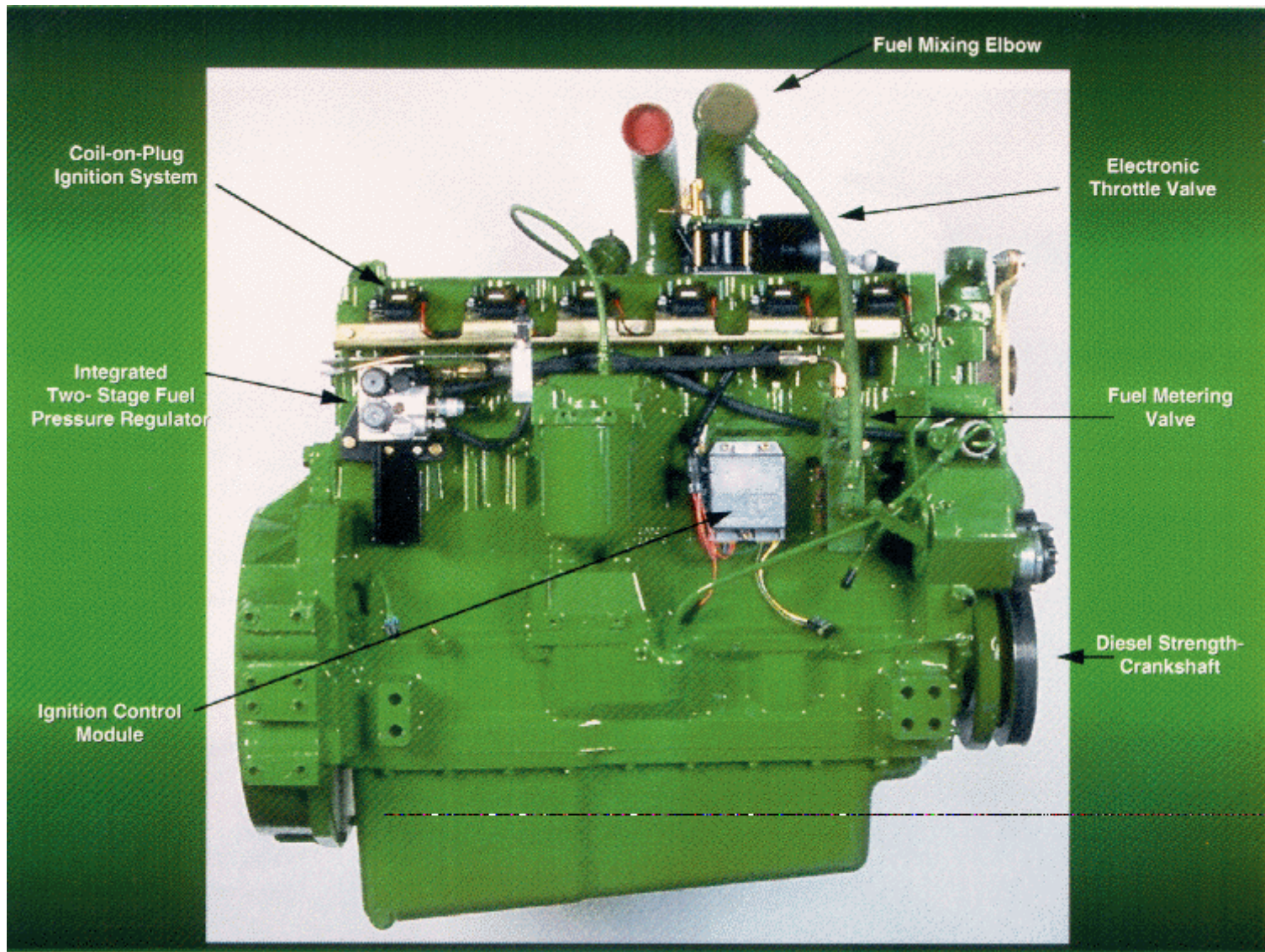
**Lean burn, closed-loop,  
adaptive learn**



## ***POWERTECH 8.1L NATURAL GAS ENGINE***

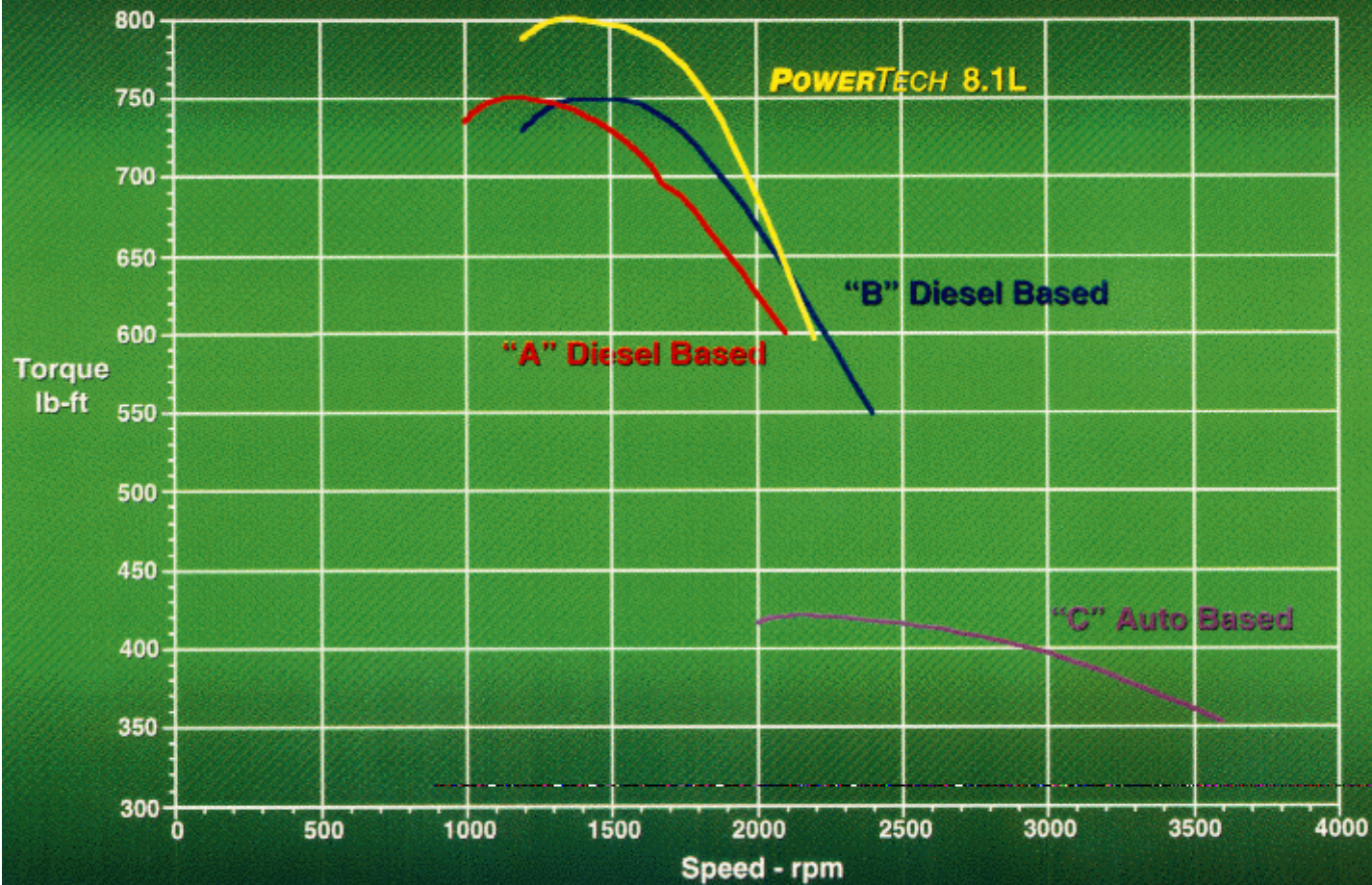








# NATURAL GAS ENGINE TORQUE





# ***POWERTECH 8.1 L NATURAL GAS ENGINES***

## **Built Under ISO 9001 Registration**

### **Service Intervals**

<b>Oil/ Filter change:</b>	<b>Deere Filter &amp; Plus 50 Oil</b>	<b>Other Oil &amp; Filter</b>
	<b>12 mo. / 50,000 miles</b>	<b>12 mo. / 25,000 miles</b>
<b>New Spark Plugs:</b>	<b>24 months / 50,000 miles</b>	
<b>Adjust Valve Lash:</b>	<b>24 months / 50,000 miles</b>	



## Community Benefits

- **Environmental Contribution:**
  - Low emissions
  - Low noise
  - Safer fuel- No ground contamination
  - No liquid fuel filters- Less waste
- **Performance Contribution:**
  - Diesel like driveability
  - Diesel competitive fuel economy
  - Quick acceleration
- **Economic Contribution:**
  - Longer maintenance intervals
  - Double today's NG engine range and fuel economy
  - Improved reliability
  - Operating cost per mile competitive to diesel